

**LIST OF REFERENCES CITED BY APPLICANT**

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**ATTY. DOCKET NO.**

11340-003-999

**APPLICATION NO.**

09/555.534

**APPLICANT**

Ensoli

**FILING DATE**

May 31, 2000

**ART UNIT**

1648

**U.S. PATENT DOCUMENTS**

*Examiner Initials	Document Number	Date mm/dd/yy	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear

**FOREIGN PATENT DOCUMENTS**

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**NON PATENT LITERATURE DOCUMENTS**

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/L.H./	C199	Buanec et al., "A prophylactic and therapeutic AIDS vaccine containing as a component the innocuous Tat toxoid," Biomedicine and Pharmacotherapy, 1998;52(10):431-435.	
	C200	Buonaguro et al., "Effects of the human immunodeficiency virus type 1 Tat protein on the expression of inflammatory cytokines," Journal of Virology, 1992 Dec;66(12):7159-7167.	
	C201	Chen et al., "The Tat protein of HIV-1 induces tumor necrosis factor- $\alpha$ production. Implications for HIV-1-associated neurological diseases," Journal of Biological Chemistry, 1997 Sep 5;272(36):22385-22388.	
	C202	Chirmule et al., "Human immunodeficiency virus Tat induces functional unresponsiveness in T cells," Journal of Virology, 1995 Jan;69(1):492-498.	
	C203	Conant et al., "Extracellular human immunodeficiency virus type 1 Tat protein is associated with an increase in both NF-kappa B binding and protein kinase C activity in primary human astrocytes," Journal of Virology, 1996 Mar;70(3):1384-1389.	
	C204	Ehret et al., "Resistance of chimpanzee T cells to human immunodeficiency virus type 1 Tat-enhanced oxidative stress and apoptosis," Journal of Virology, 1996 Sep;70(9):6502-6507.	
	C205	Ensoli et al., "Tat protein of HIV-1 stimulates growth of cells derived from Kaposi's sarcoma lesions of AIDS patients," Nature, 1990 May 3;345(6270):84-86.	
	C206	Ensoli et al., "Synergy between basic fibroblast growth factor and HIV-1 Tat protein in induction of Kaposi's sarcoma," Nature, 1994 Oct 20;371(6499):674-680.	
	C207	Frankel et al., "Tat protein from human immunodeficiency virus forms a metal-linked dimer," Science, 1988 Apr 1;240(4848):70-73.	
	C208	Frankel et al., "Cellular uptake of the tat protein from human immunodeficiency virus," Cell, 1988 Dec 23;55(6):1189-1193.	

**EXAMINER**

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**DATE CONSIDERED**

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/L.H./	C209	Gallo, "Tat as one key to HIV-induced immune pathogenesis and Tat (correction of Pat) toxoid as an important component of a vaccine," Proceedings of the National Academy of Sciences of the United States of America, 1999 Jul 20;96(15):8324-8326.	
	C210	Gentz et al., "Bioassay for trans-activation using purified human immunodeficiency virus tat-encoded protein: trans-activation requires mRNA synthesis," Proceedings of the National Academy of Sciences of the United States of America, 1989 Feb;86(3):821-824.	
	C211	Gibellini et al., "Tat-expressing Jurkat cells show an increased resistance to different apoptotic stimuli, including acute human immunodeficiency virus-type 1 (HIV-1) infection," British Journal of Haematology, 1995 Jan;89(1):24-33.	
	C212	Gibellini et al., "Upregulation of c-Fos in activated T lymphoid and monocytic cells by human immunodeficiency virus-1 Tat protein," Blood, 1997 Mar 1;89(5):1654-1664.	
	C213	Gringeri et al., "Safety and immunogenicity of HIV-1 Tat toxoid in immunocompromised HIV-1-infected patients," Journal of Human Virology, 1998 May-Jun;1(4):293-298.	
	C214	Gringeri et al., "Tat toxoid as a component of a preventive vaccine in seronegative subjects," Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology, 1999 Apr 1;20(4):371-375.	
	C215	Hayman et al., "Neurotoxicity of peptide analogues of the transactivating protein tat from Maedi-Visna virus and human immunodeficiency virus," Neuroscience, 1993 Mar;53(1):1-6.	
	C216	Huang et al., "Human immunodeficiency virus type 1 TAT protein activates B lymphocytes," Biochemical and Biophysical Research Communications, 1997 Aug 18;237(2):461-464.	
	C217	James, "Biological treatment approaches, including Tat toxoid vaccine: interview with Robert Gallo, M.D.," AIDS Treatment News, 1999 Sept 17;327:1-5.	
	C218	Katsikis et al., "HIV type 1 Tat protein enhances activation-but not Fas (CD95)-induced peripheral blood T cell apoptosis in healthy individuals," International Immunology, 1997 Jun;9(6):835-841.	
	C219	Kolesnitchenko et al., "A major human immunodeficiency virus type 1-initiated killing pathway distinct from apoptosis," Journal of Virology, 1997 Dec;71(12):9753-9763.	
	C220	Kolson et al., "HIV-1 Tat alters normal organization of neurons and astrocytes in primary rodent brain cell cultures: RGD sequence dependence," AIDS Research and Human Retroviruses, 1993 Jul;9(7):677-685.	
	C221	Lafrenie et al., "HIV-1-Tat protein promotes chemotaxis and invasive behavior by monocytes," Journal of Immunology, 1996 Aug 1;157(3):974-977.	
	C222	Li et al., "Induction of apoptosis in uninfected lymphocytes by HIV-1 Tat protein," Science, 1995 Apr 21;268(5209):429-431.	
	C223	Li et al., "Tat protein induces self-perpetuating permissivity for productive HIV-1 infection," Proceedings of the National Academy of Sciences of the United States of America, 1997 Jul 22;94(15):8116-8120.	
	C224	Ma et al., "Molecular determinants for cellular uptake of Tat protein of human immunodeficiency virus type 1 in brain cells," Journal of Virology, 1997 Mar;71(3):2495-2499.	
	C225	Magnuson et al., "Human immunodeficiency virus type 1 tat activates non-N-methyl-D-aspartate excitatory amino acid receptors and causes neurotoxicity," Annals of Neurology, 1995 Mar;37(3):373-380.	

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/L.H./	C226	McCloskey et al., "Dual role of HIV Tat in regulation of apoptosis in T cells," Journal of Immunology, 1997 Jan 15;158(2):1014-1019.	
	C227	Nath et al., "Identification of a human immunodeficiency virus type 1 Tat epitope that is neuroexcitatory and neurotoxic," Journal of Virology, 1996 Mar;70(3):1475-1480.	
	C228	New et al., "Human immunodeficiency virus type 1 Tat protein induces death by apoptosis in primary human neuron cultures," Journal of NeuroVirology, 1997 Apr;3(2):168-173.	
	C229	Orsini et al., "Extracellular human immunodeficiency virus type 1 Tat protein promotes aggregation and adhesion of cerebellar neurons," Journal of Neuroscience, 1996 Apr 15;16(8):2546-2552.	
	C230	Orsini et al., "Purification and functional characterization of wild-type and mutant HIV-1 and HIV-2 Tat proteins expressed in Escherichia coli," Protein Expression and Purification, 1996 Sep;8(2):238-246.	
	C231	Orsini et al., "Inhibition of human immunodeficiency virus type 1 and type 2 Tat function by transdominant Tat protein localized to both the nucleus and cytoplasm," Journal of Virology, 1996 Nov;70(11):8055-8063.	
	C232	Ott et al., "Immune hyperactivation of HIV-1-infected T cells mediated by Tat and the CD28 pathway," Science, 1997 Mar 7;275(5305):1481-1485.	
	C233	Philippon et al., "The basic domain of the lentiviral Tat protein is responsible for damages in mouse brain: involvement of cytokines," Virology, 1994 Dec;205(2):519-529.	
	C234	Purvis et al., "HIV type 1 Tat protein induces apoptosis and death in Jurkat cells," AIDS Research and Human Retroviruses, 1995 Apr;11(4):443-450.	
	C235	Re et al., "Effect of antibody to HIV-1 Tat protein on viral replication in vitro and progression of HIV-1 disease in vivo," Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology, 1995 Dec 1;10(4):408-416.	
	C236	Sabatier et al., "Evidence for neurotoxic activity of tat from human immunodeficiency virus type 1," Journal of Virology, 1991 Feb;65(2):961-967.	
	C237	Tonelli, "AIDS, a vaccine [which allows] to hope - Announcement made at the San Marino Conference, in front of an international audience of scientists: 5 macaques out of 7 did not develop HIV. "We strike at the heart the protein which allows the virus to replicate" FIGHT AGAINST AIDS," La Repubblica, 1998 Oct 24, p. 10 (with English translation).	
	C238	Viscidi et al., "Inhibition of antigen-induced lymphocyte proliferation by Tat protein from HIV-1," Science, 1989 Dec 22;246(4937):1606-1608.	
	C239	Weeks et al., "Neurotoxicity of the human immunodeficiency virus type 1 tat transactivator to PC12 cells requires the Tat amino acid 49-58 basic domain," Journal of Neuroscience Research, 1995 Sep 1;42(1):34-40.	
	C240	Westendorp et al., "HIV-1 Tat potentiates TNF-induced NF-κB activation and cytotoxicity by altering the cellular redox state," The EMBO Journal, 1995 Feb 1;14(3):546-554.	
	C241	Westendorp et al., "Sensitization of T cells to CD95-mediated apoptosis by HIV-1 Tat and gp120," Nature, 1995 Jun 8;375(6531):497-500.	

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/L.H./	C242	Wu et al., "Decreased ability of HIV-1 tat protein-treated accessory cells to organize cellular clusters is associated with partial activation of T cells." Proceedings of the National Academy of Sciences of the United States of America, 1997 Dec 9;94(25):13832-13837.	
	C243	Zagury et al., "A critical role of Tat and IFN $\alpha$ in the HIV-1-induced immunosuppression leading to AIDS," Cellular Pharmacology, 1996;3:97-103.	
	C244	Zauli et al., "Tat protein stimulates production of transforming growth factor- $\beta$ 1 by marrow macrophages: a potential mechanism for human immunodeficiency virus-1-induced hematopoietic suppression," Blood, 1992 Dec 15;80(12):3036-3043.	
	C245	Zauli et al., "Human immunodeficiency virus type 1 Tat protein protects lymphoid, epithelial, and neuronal cell lines from death by apoptosis," Cancer Research, 1993 Oct 1;53(19):4481-4485.	
	C246	Zauli et al., "An autocrine loop of HIV type-1 Tat protein responsible for the improved survival/proliferation capacity of permanently Tat-transfected cells and required for optimal HIV-1 LTR transactivating activity," Journal of Acquired Immune Deficiency Syndromes and Human Retrovirology, 1995 Nov 1;10(3):306-316.	
	C247	Zauli et al., "The human immunodeficiency virus type-1 Tat protein upregulates Bcl-2 gene expression in Jurkat T-cell lines and primary peripheral blood mononuclear cells," Blood, 1995 Nov 15;86(10):3823-3834.	
	C248	Zauli et al., "The human immunodeficiency virus type-1 (HIV-1) Tat protein and Bcl-2 gene expression," Leukemia and Lymphoma, 1996 Nov;23(5-6):551-560.	

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